

Docket No.
448563/0109

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: **Hisashi Miyazawa, et al.** Art Unit: **2861**
Serial No.: **10/826,918** Examiner: **Not Yet Known**
Filed: **April 16, 2004**
For: **INK CARTRIDGE FOR INK JET RECORDING DEVICE**

Date: **August 3, 2004**

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

In compliance with the duty of disclosure under 37 C.F.R. § 1.56 and pursuant to 37 C.F.R. §§ 1.97 and 1.98, the Examiner's attention is directed to the documents listed on the enclosed List of References Cited by Applicant(s) form (PTO-1449).

This Information Disclosure Statement is being cited in accordance with 37 C.F.R. § 1.97(b)(3), to the best of the undersigned's knowledge, before the mailing of an Office Action, and so no fee is believed to be due.

Some of the cited references constitute the prior art of record in parent application 10/045,703, which has been relied upon for an earlier effective filing date pursuant to 35 U.S.C. § 120. In accordance with 37 C.F.R. § 1.98(d), copies of such prior art have not been submitted.

As for the cited references not of record in the parent case, copies of the listed foreign references are enclosed. For the Examiner's convenience, English abstracts of the cited foreign references have been provided, when available. Copies of the cited U.S. published references have not been provided, in accordance with the Notice entitled "Information Disclosure Statements May Be Filed Without Copies of U.S. Patents and Published Applications

in Patent Applications filed after June 30, 2003" set forth at 1276 O.G. 55. The present application, it should be noted, was filed after June 30, 2003, on April 16, 2004.¹

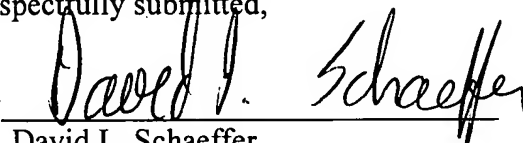
Nevertheless, the Commissioner is authorized to charge any fee which may be required for the filing of this Information Disclosure Statement, as well as any other fee which may now or hereafter be due, to Deposit Account No. 19-4709.

It is respectfully requested that the above information be considered by the Examiner and that an initialed copy of the enclosed List of References Cited by Applicant(s) form (PTO-1449) be returned indicating that such information has been considered.

Favorable consideration and prompt allowance of this application is respectfully requested. In the event that there are any questions, or should additional information be required, please do not hesitate to contact applicant's attorney at the number listed below.

Respectfully submitted,

By



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¹ The relevant portion of that Notice reads:

Waiver

The Office hereby waives the requirement under 37 CFR 1.98 (a)(2)(i) for submitting a copy of each cited U.S. patent and each U.S. patent application publication for all U.S. national patent applications filed after June 30, 2003 and for all international applications that have entered the national stage under 35 USC 371 after June 30, 2003. See 37 CFR 1.491(b). For all patent applications filed on or before June 30, 2003, copies of cited U.S. patents and patent application publications are still required unless an eIDS is filed.

Applicants are still required to submit copies of foreign patent documents and non-patent literature in accordance with 37 CFR 1.98(a)(2).

ATTY DOCKET NO.
448563/0199APPLICATION NO.
10/826,918U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

APPLICANT

Miyazawa et al.

FILING DATE

April 16, 2004

GROUP

2861

LIST OF REFERENCES CITED BY APPLICANT(S)
(Use several sheets if necessary)

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	2,526,019	10/17/1950	Fowler			
	3,270,771	9/6/1966	Morgan et al.			
	3,354,902	11/28/1967	Obermaier			
	3,779,274	12/18/1973	Kelly			
	3,941,149	3/2/1976	Mittleman			
	4,152,710	5/1/1979	Matsuba et al.			
	4,183,031	1/8/1980	Kyser et al.			
	4,419,678	12/6/1983	Kasugayama et al.			
	4,514,742	4/30/1985	Suga et al.			

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DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES/NO/ OR ABSTRACT
DE 1 009 870	6/30/1955	Germany			
GB 751 289	6/27/1956	Great Britain			Eng. Orig.
FR 1 145 605	10/28/1957	France			
DE 1 152 583	9/19/1958	Germany			
FR 1 268 227	6/1961	France			
DE 1 852 284	11/30/1961	Germany			
DE 1 550 194	8/28/1969	Germany			
DE 2 230 642	12/28/1972	Germany			

OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER

DATE CONSIDERED

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO 1449 (modified) U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE LIST OF REFERENCES CITED BY APPLICANT(S) (Use several sheets if necessary)	ATTY DOCKET NO. 448563/0199	APPLICATION NO. 10/826,918
	APPLICANT Miyazawa et al.	
	FILING DATE April 16, 2004	GROUP 2861

U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
		4,520,369	5/28/1985	Shackleton			
		4,677,447	6/30/1987	Nielson			
		4,700,202	10/13/1987	Kuranishi et al.			
		4,869,282	9/26/1989	Sittler et al.			
		4,893,138	1/9/1990	Terasawa et al.			
		4,971,527	11/20/1990	Dick			
		5,039,997	8/13/1991	Pullen et al.			
		5,040,002	8/13/1991	Pollacek et al.			
		5,138,344	8/11/1992	Ujita			

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		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES/NO/ OR ABSTRACT
		FR 2 391 405 A1	12/1978	France			
		JP 55-146766	11/15/1980	Japan			w/ Eng. Abst.
		JP 56-013183	2/9/1981	Japan			w/ Eng. Abst.
		JP 57-006777	1/13/1982	Japan			w/ Eng. Abst.
		JP 57-197176 A	12/3/1982	Japan			w/ Eng. Abst.
		JP 58-036457 A	3/3/1983	Japan			w/ Eng. Abst.
		DE 3 202 796 A1	8/4/1983	Germany			
		EP 0 112 701 A2	7/4/1984	EPO			Eng. Orig.

OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)

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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
		5,280,300	1/18/1994	Fong et al.			
		5,305,795	4/26/1994	Forberg			
		5,343,226	8/30/1994	Niedermeyeyr et al.			
		5,367,328	11/22/1994	Erickson			
		5,388,615	2/14/1995	Edlund et al.			
		5,426,459	6/20/1995	Kaplinsky			
		5,453,772	9/26/1995	Aono et al.			
		5,477,963	12/26/1995	Mochizuki et al.			
		5,539,437	7/23/1996	Penwell			

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		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES/NO/ OR ABSTRACT
		EP 0 116 466 A2	8/22/1984	EPO			Eng. Orig.
		JP 59-176545	10/5/1984	Japan			
		GB 2 147 975	5/22/1985	Great Britain			Eng. Orig.
		EP 0 238 829 A2	9/30/1987	EPO			Eng. Orig.
		JP 62-231759	10/12/1987	Japan			
		EP 0 336 307 A2	10/11/1989	EPO			Eng. Orig.
		EP 0 339 770 A2	11/2/1989	EPO			Eng. Orig.
		JP 2-072271	3/12/1990	Japan			w/ Eng. Abst.

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		5,500,663	3/19/1996	Ujita et al.			
		5,646,664	7/8/1997	Pawlowski, Jr.			
		5,653,251	8/5/1997	Handler			
		5,657,058	8/12/1997	Mochizuki et al.			
		5,691,753	11/25/1997	Hilton			
		5,736,992	4/7/1998	Pawlowski, Jr.			
		5,737,001	4/7/1998	Taylor			
		5,751,319	5/12/1998	Robertson et al.			
		5,777,646	7/7/1998	Barinaga et al.			

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		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES/NO/ OR ABSTRACT
		JP 2-198862	8/7/1990	Japan			w/ Eng. Abst.
		EP 0 412 643 A1	2/13/1991	EPO			Eng. Orig.
		EP 0 424 133 A2	4/24/1991	EPO			Eng. Orig.
		JP 4-073158	3/9/1992	Japan			w/ Eng. Abst.
		WO 92/12371	7/23/1992	Japan			Eng. Orig.
		EP 0 509 686 A2	10/21/1992	EPO			Eng. Orig.
		JP 5-050609	3/2/1993	Japan			w/ Eng. Abst.
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	5,796,419	8/18/1998	Clark et al.			
	5,847,735	12/8/1998	Betschon			
	5,969,737	10/19/1999	Koyama et al.			
	6,000,788	12/14/1999	Iida			
	6,010,211	1/4/2000	Betschon			
	6,010,212	1/4/2000	Yamashita et al.			
	6,130,696	10/10/2000	Mashita et al.			
	6,193,364	2/27/2001	Iida			
	6,238,042	5/29/2001	Kobayashi et al.			

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	JP 5-201018	8/10/1993	Japan			w/ Eng. Abst.
	JP 5-229137	9/7/1993	Japan			w/ Eng. Abst.
	EP 0 562 717 A1	9/29/1993	EPO			Eng. Orig.
	EP 0 631 874 A2	1/4/1995	EPO			Eng. Orig.
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	JP 8-174860	7/9/1996	Japan			w/ Eng. Abst.
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	6,332,481	12/25/2001	Shinada et al.			
	6,383,436	5/7/2002	Nishimuro et al.			
	6,390,611	5/21/2002	Kobayashi et al.			
	6,416,152	7/9/2002	Matsuzaki et al.			
	6,422,691	7/23/2002	Kobayashi et al.			
	6,460,984	10/8/2002	Matsumoto et al.			
	6,550,901	4/22/2003	Iida			
	6,585,358	7/1/2003	Usui et al.			

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DE 195 45 775 A1	6/12/1997	Germany					
EP 0 794 059 A2	9/10/1997	EPO			Eng. Orig.		
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GB 2 323 332 A	9/23/1998	Great Britain			Eng. Orig.		
EP 0 879 702 A2	11/25/1998	EPO			Eng. Orig.		

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		6,648,459	11/18/2003	Usui et al.			
		6,666,551	12/23/2003	Kobayashi et al.			
		2002/0089083	7/11/2002	Nishimuro et al.			
		2002/0135646	9/26/2002	Usui			
		2002/0154200	10/24/2002	Miyazawa et al.			
		2002/0158948	10/31/2002	Miyazawa et al.			
		2002/0171721	11/21/2002	Ota et al.			
		2002/0171722	11/21/2002	Hara et al.			
		2002/0171723	11/21/2002	Ota et al.			
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		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES/NO/ OR ABSTRACT
		JP 10-315504	12/2/1998	Japan			w/ Eng. Abst.
		JP 11-058772	3/2/1999	Japan			w/ Eng. Abst.
		EP 0 903 236 A2	3/24/1999	EPO			Eng. Orig.
		JP 11-091122	4/6/1999	Japan			w/ Eng. Abst.
		EP 0 919 384 A2	6/2/1999	EPO			Eng. Orig.
		JP 11-170558 A	6/29/1999	Japan			w/ Eng. Abst.
		JP 11-179932	7/6/1999	Japan			w/ Eng. Abst.
		EP 0 956 958 A2	11/17/1999	EPO			Eng. Orig.
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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
		2002/0180849	12/5/2002	Sakai et al.			
		2003/0007043	1/9/2003	Ota et al.			
		2003/0058312	3/27/2003	Iida			
		2003/0058313	3/27/2003	Iida			
		2003/0085970	5/8/2003	Sakai et al.			
		2003/0103119	6/5/2003	Sakai et al.			
		2003/0107627	6/12/2003	Seino et al.			
		2003/0107629	6/12/2003	Kobayashi et al.			
		2003/0128261	7/10/2003	Usui et al.			
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		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES/NO/ OR ABSTRACT
		WO 00/03877 A1	1/27/2000	Japan			w/ Eng. Abst.
		EP 1 016 533 A1	7/5/2000	EPO			Eng. Orig.
		EP 1 125 747 A2	8/22/2001	EPO			Eng. Orig.
		JP 2001-270129	10/2/2001	Japan			w/ Eng. Abst.
		WO 01/78988 A1	10/25/2001	Japan			w/ Eng. Abst.
		JP 2002-103642	4/9/2002	Japan			w/ Eng. Abst.
		EP 1 199 178 A1	4/24/2002	EPO			Eng. Orig.
		EP 1 258 358 A1	11/20/2002	EPO			Eng. Orig.
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	2003/0146959	8/7/2003	Iida			
	2004/0051766	3/18/2004	Miyazawa et al.			
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	09/525,477	3/15/2000	Miyazawa			
	10/778,766	2/13/2004	Miyazawa et al.			
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